

ABSTRACT OF THE DISCLOSURE

A high-conductivity finstock alloy is for brazed aluminum heat exchangers. The finstock comprises an aluminum alloy comprised of between about 0.7-1.2% Si, about 1.9-2.4% Fe, about 0.6-1.0% Mn, up to about 0.5% Mg, up to
5 about 2.5% Zn, up to about 0.10% Ti, and up to about 0.05% In, with the remainder comprising Al and tolerable impurities. A method of manufacturing finstock from the foregoing aluminum alloy comprises continuously casting the alloy as a strip with a thickness of about 2-10 mm at an average cooling rate above about 300°C/sec. and then multiple pass cold rolling the strip using one or more intermediate partial anneals
10 at a temperature of about 300-450°C. A fin made from the foregoing finstock is also disclosed. A brazed aluminum heat exchanger having cooling fins made from the foregoing finstock is also disclosed.